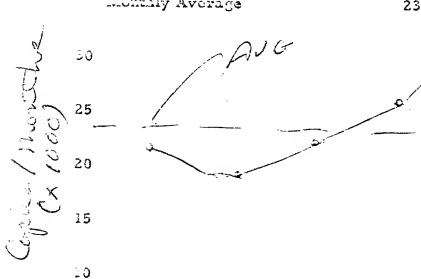
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COST STUDY - XEROK MACHIN

What do we pay for the machine and what does it do?

Morth	The state of confer			
Documber 1965	21,454			
Junuary 1900	18,537			
February 1966	21,860			
Librah 1966	25,242			
Lpril 1906	31, 159			
1/34y 1960 .	21.881			
Total	140, 133			
Montaly Average	23,355			



	Dec.	Jan.	Feb.	Mar.	April	May
Ç cost/cy	747.26	648.80	760.45	869.76	1041.4	
<pre>\$ cost/maint</pre>	25.00	25.00	<u>25.00</u>	25.00	25.00	25.00
≥ \$ cost	772.26	673.80	785.45	894.76	1066.48	786.13
EE\$ cost		1446.06	2231.51	3126.27	4192.75	4978.88

Other recurring cost (5 months)

DD/S&T

TOTAL COST

5073.83

AVG. COST/MONTH Approved For Release 2001/08/07 : CIA-RDP70B00501R000100010016-7

\$5.00

845.65

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Who runs the machine? Secretaries and Projectionals

- Assume that secretaries (avg. CC-3) was 90% of all copie...
- Assume than Professionals (avg. CS-13) run 10% of all copies.

It takes 45 seconds to run one copy; additional copies take 15 occords each. If a secretary, on the average, is required to run 10 copies of the same document, the total period of operation per month by secretaries will average

If each professional runs two copies of a document the total period of operation per month by professionals will average

$$\frac{23,505 \text{ cys/month}}{2 \text{ cys/run}}$$
 . $\frac{10\%}{2 \text{ cys/run}}$. $\frac{1167.5 \text{ min}}{2 \text{ cys/run}} = 19.45 \text{ hrs}$

Secretary's time is worth \$2.74/hr.

Professionals time is worth \$6.01/hr.

Assume that on the average a secretary must wait for the machine for 1/2 of the normal run and professionals do not wait at all; an additional cost of \$255.67 \(\div \) 2 or \$127.84 in wasted time. This should be added to the cost of a month's run.

Cost for average month (23, 355 copies)

Cost per copy = \$.0576 (avg. month)
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What if we hired a full time operator (assume a CS-4)?

The operator's salary = \$390

However, the complete attlemy should not be distinct a minerate of production since the machine only of tractor a sould of 1.5.76 hr posmit or 78% of the time. Thus, cost of operation = .78 X \$390 = \$566.26

Cost with full time operator = \$845.65 + \$305.28 = \$1150.93.

Do, if an operator is hired (at GS-4) an operations saving of

\$1346.05 + \$1150.95 = \$195.12/month or \$2341.44/yr.

Copy cost drops to \$.0492/copy (a 14.8% cut)

Intengible advantages in hiring an operator:

- Roduced maintenance
- Consistent copy quality
- Detter decurity (one person responsible for machine, waste, etc.)
- Escretaries and Professionals spend more time doing the job
- un operator could spend any spare time supporting registry and stocking office supplies

Recommendation:

- Mire a GS-3 or GS-4 operator

PS. ON Rent vs. Buying machine

GSA Circular F 353 indicates that

for a monthly workage of the 3000 copies approximate

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Recommendation in early But review the